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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,541	10/28/2003	Stephen P.A. Fodor	56297-5003-21	3654
33522	7590	07/24/2007	EXAMINER GOLDBERG, JEANINE ANNE	
COOLEY GODWARD LLP THE BOWEN BUILDING ATTN: THE PATENT GROUP 875 15TH STREET, N.W., SUITE 800 WASHINGTON, DC 20005-2221			ART UNIT 1634	PAPER NUMBER
MAIL DATE 07/24/2007		DELIVERY MODE PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10694541	10/28/03	FODOR ET AL.	56297-5003-21

**EXAMINER**

Jeanine A. Goldberg

**ART UNIT****PAPER**

1634

20070718

**DATE MAILED:**

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.

Two separate information disclosure statements were filed in the instant application on April 20, 2007 and May 4, 2007. On May 4, 2007, Applicants submitted 119 pages of an IDS. On this IDS there were 694 references. On April 20, 2007 Applicants submitted 31 pages of an IDS. On this IDS there were 501 references. This totals 1195 additional references for review. The extraordinary number of references poses a serious burden on the office.

The instant claims are specifically drawn a method of screening for genetic markers in a sample of polynucleotides, comprising:

- (a) providing a sample of polynucleotides;
- (b) hybridizing said sample to a set of at least 100 beads, each of which comprise a different probe nucleic acid that is between 25 and 100 nucleotides in length, said beads being coded with an encoding system whereby the target specific sequence of each probe nucleic acid attached to the beads can be identified; and
- (c) detecting hybridization of said sample polynucleotides to said beads, thereby screening for genetic markers in the sample.

The IDSs filed contain several references which do not appear to be related to the claimed subject matter of the instant application.

1. On page 13 of the document filed May 4, 2007, references to Exhibit 1 is provided. The instant submission does not appear to contain Exhibits.
2. On page 8 of the document filed May 4, 2007, reference to US 5,795,716 which is directed to a computer program product is provided. The instant claims are not drawn to a computer program product.
3. Moreover the references cited, including Drmanac (1993) appears to be directed to SBH and mapping. This does not appear to be relevant to the pending claims.

The following information is required to consider the art suggested by the applicant as relevant to this examination in the IDS filed April 20, 2007 and May 4, 2007.

A) Applicants are specifically required to point out the references cited on April 20, 2007 and May 4, 2007 which describe at least 100 beads wherein each of the at least 100 beads comprises a unique species of nucleic acid attached thereto.

The applicant is reminded that the reply to this requirement must be made with candor and good faith under 37 CFR 1.56. Where the

applicant does not have or cannot readily obtain an item of required information, a statement that the item is unknown or cannot be readily obtained may be accepted as a complete reply to the requirement for that item.

Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.

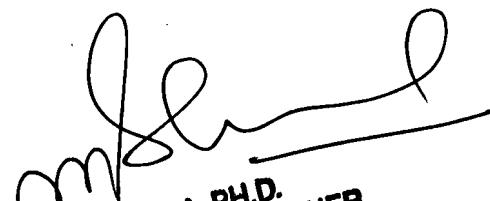
This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of 2 months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Jeanine Goldberg whose telephone number is (571) 272-0743. The examiner can normally be reached Monday-Friday from 7:00 a.m. to 4:00 p.m.

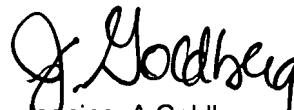
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ram Shukla, can be reached on (571) 272-0735.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

The Central Fax Number for official correspondence is (571) 273-8300.



RAM R. SHUKLA, PH.D.  
SUPERVISORY PATENT EXAMINER



J. Goldberg  
Jeanine A Goldberg  
Examiner  
Art Unit: 1634